

ABSTRACT

A corrosion-resistant Al-based structural member (1) is provided that has a base layer (2) adhered to the surface of an Al-based structural member (1₀), and a corrosion-inhibiting coating (3) adhered to the surface of the base layer (2). The base layer (2) is made of Zn, and the corrosion-inhibiting coating (3) is made of a trivalent Cr-containing chromate coating for Zn. It is thereby possible to provide a corrosion-resistant Al-based structural member equipped with a nonpolluting corrosion-inhibiting coating containing no hexavalent chromium.